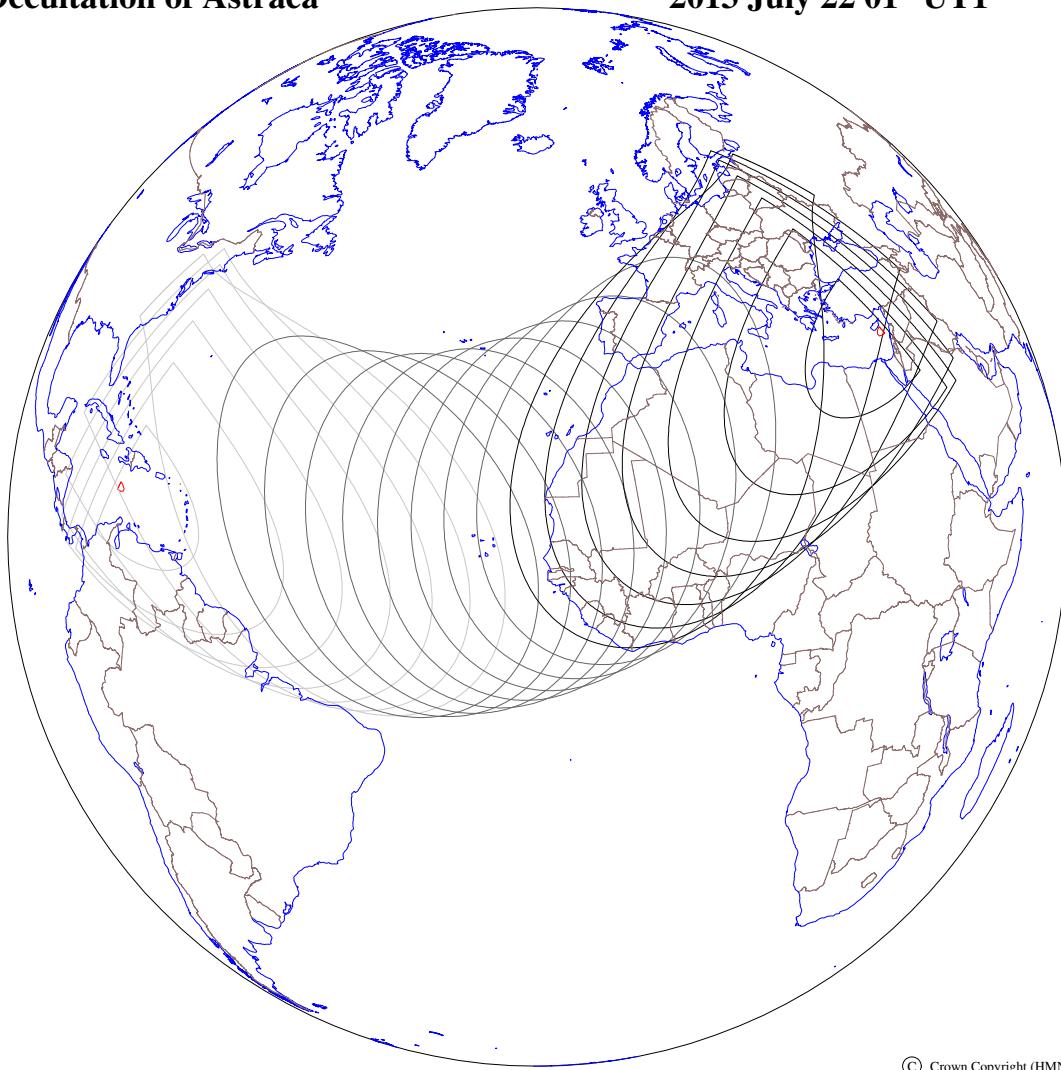


## Occultation of Astraea

2013 July 22 01<sup>h</sup> UT1



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Conjunction 2013 July 22

Time 00<sup>h</sup> 32<sup>m</sup> 07<sup>s</sup> TT

Centre of the globe: longitude 017°9' W

Right ascension 19<sup>h</sup> 19<sup>m</sup> 03<sup>s</sup>

latitude 17°0 N

Declination -18° 10' 36"

First shadow 2013 July 21 at 22<sup>h</sup> 32<sup>m</sup>8 UT1

Last shadow 2013 July 22 at 02<sup>h</sup> 10<sup>m</sup>2 UT1

Delta T = TT - UT1 = 67<sup>0</sup>

Footprints (light to dark) every 00<sup>h</sup> 10<sup>m</sup>0